

Attorney Docket No.: Beiersdorf 685-WCG
: 6713-St-bb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Dr. Uwe SCHÜMANN; Dr. Nicolai BÖHM; Siegfried
KRUPKE; Ulrike WAPPLER

For : ADHESIVE TAPE, IN PARTICULAR FOR MASKING A
CATHODIC ELECTROCOAT PRIMER

Serial No. : To Be Assigned

Filed : Herewith

Art Unit : To Be Assigned

Examiner : To Be Assigned

December 13, 2000

BOX PATENT APPLICATIONS
Hon. Assistant Commissioner For Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

In advance of prosecution, the Examiner is respectfully requested to amend the application as follows and consider the following remarks:

IN THE CLAIMS

Please cancel the previous version of the following claims and replace them with the following rewritten version. A marked up copy showing the amendment since the previous version is annexed as separate pages.

Claim 2 (amended). The adhesive tape according to claim 1, wherein the crosslinked epoxy resin layer is prepared using liquid, solvent-free epoxy resins based on bisphenol A, based on bisphenol F or bisphenol A/F, reactively diluted or plasticized epoxy resins, polyfunctional novolak glycidyl ether resins, aliphatic or cycloaliphatic epoxy resins or

mixtures of said epoxy resins.

Claim 3 (amended). The adhesive tape according to Claim 1, wherein curing agents used for the epoxy resins comprise formulated polyethers/polyamines, nonformulated aliphatic polyamines, araliphatic polyamines, cycloaliphatic polyamines, aromatic amine curing agents, modified polyamines, polyamidoamines, polyaminoimidazoline, polyether amines, formulated adducts or mixtures of said amines.

Claim 4 (amended). The adhesive tape according to Claim 1, wherein the crosslinked epoxy resin comprises fillers, plasticizers and, optionally, auxiliaries and additives as further formulating constituents.

Claim 5 (amended). The adhesive tape according to Claim 1, wherein on the reverse of the crosslinked epoxy resin there is a release coating.

Claim 6 (amended). The adhesive tape according to Claim 1, wherein the self-adhesive composition has the following makeup:

| | |
|---------------|--------------------------|
| ethylene | from 10 to 30% by weight |
| inyl acetate | from 20 to 55% by weight |
| acrylic ester | from 30 to 69% by weight |
| acrylamide | from 0 to 8% by weight. |

Claim 7 (amended). The adhesive tape according to Claim 1, wherein the self-adhesive composition has a thickness of from 15 to 40 μm .

Claim 8 (amended). A method for masking window flanges which comprises applying the tape of Claim 1 to said flanges.

Claim 9 (amended). A process for producing the adhesive tape of claim 1, which comprises applying a mixture of starting components of the epoxy resin during their chemical reaction phase directly on the polyester film.

Claim 10 (amended). The process of claim 9, wherein the polyester film is provided with the self-adhesive composition prior to coating with the crosslinked epoxy resin opposite the side to be coated with epoxy resin.

Please add the following:

- 11. The adhesive tape of Claim 6, wherein
- the amount of ethylene is 10 to 15% by weight,
 - the amount of vinyl acetate is 30 to 35% by weight,
 - the amount of acrylic ester is 50 to 60% by weight,
 - the amount of acrylamide is 0.5% by weight. --

REMARKS

This Preliminary Amendment is being filed to conform the claims to conventional format and to eliminate multiple dependency.

Favorable action is respectfully solicited.

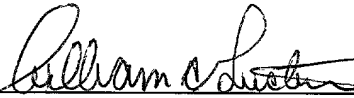
ADDITIONAL FEE

Please charge any insufficiency of fees, or credit any excess, to Deposit Account No.

14-1263.

Respectfully submitted,

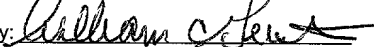
NORRIS, McLAUGHLIN & MARCUS, P.A.

By 
William C. Gerstenzang
Reg. No. 27,552

220 East 42nd Street - 30th Floor
New York, New York 10017
(212) 808-0700

I hereby certify that this paper is being deposited with the
United States Postal Service as Express Mail, Label No.
EL767491495US to: BOX PATENT APPLICATIONS, The Hon.
Commissioner of Patents, Washington, D.C. 20231 on
December 13, 2000.

Norris, McLaughlin & Marcus, P.A.

By: 
Date: 12/13/00

MARKED-UP COPY OF AMENDED CLAIM,
SHOWING CHANGES RELATIVE TO PREVIOUS VERSION

Claim 2 (amended). The adhesive tape [as claimed in] according to claim 1, wherein the crosslinked epoxy resin layer is prepared using liquid, solvent-free epoxy resins based on bisphenol A, based on bisphenol F or bisphenol A/F, reactively diluted or plasticized epoxy resins, polyfunctional novolak glycidyl ether resins, aliphatic or cycloaliphatic epoxy resins [and] or mixtures of said epoxy resins.

Claim 3 (amended). The adhesive tape [as claimed in claims 1 and 2] according to Claim 1, wherein curing agents used for the epoxy resins comprise formulated polyethers/polyamines, nonformulated aliphatic polyamines, araliphatic polyamines, cycloaliphatic polyamines, aromatic amine curing agents, modified polyamines, polyamidoamines, polyaminoimidazoline, polyether amines, formulated adducts [and] or mixtures of said amines.

Claim 4 (amended). The adhesive tape [as claimed in any of claims 1 to 3] according to Claim 1, wherein the crosslinked epoxy resin comprises fillers, plasticizers and, [if desired] optionally, auxiliaries and additives as further formulating constituents.

Claim 5 (amended). The adhesive tape [as claimed in any of claims 1 to 4] according to Claim 1, wherein on the reverse of the crosslinked epoxy resin there is a release coating.

Claim 6 (amended). The adhesive tape [as claimed in at least one of the preceding claims] according to Claim 1, wherein the self-adhesive composition has the following makeup:

| | |
|---------------|--|
| ethylene | from 10 to 30[, with particular preference from 10 to 15]% by weight |
| vinyl acetate | from 20 to 55[, with particular preference from 30 to 35]% by weight |
| acrylic ester | from 30 to 69[, with particular preference from 50 to 60]% by weight |
| acrylamide | from 0 to 8[, with particular preference 0.5]% by weight. |

Claim 7 (amended). The adhesive tape [as claimed in at least one of the preceding claims] according to Claim 1, wherein the self-adhesive composition has a thickness of from 15 to 40 μm .

Claim 8 (amended). [The use of an adhesive tape as claimed in at least one of the preceding claims] A method for masking window flanges which comprises applying the tape of Claim 1 to said flanges.

Claim 9 (amended). A process for producing [an] the adhesive tape [as claimed in at least one of the preceding claims] of claim 1, which comprises applying [the mixed] a mixture of starting components of the epoxy resin during their chemical reaction phase directly on the polyester film.

Claim 10 (amended). The process [as claimed in] of claim 9, wherein the polyester film is provided with the self-adhesive composition prior to coating with the crosslinked epoxy resin opposite the side to be coated with epoxy resin.